

At page 5, replace paragraph 3 with the following:

a3 Fig. 3. Alignment of the Arabidopsis thaliana MLH1 homolog and the human PMS2 proteins (SEQ ID NO: 9 and 11, respectively).

At page 5, replace paragraph 4 with the following:

a4 Fig. 4. Alignment of the Arabidopsis thaliana PMS1 homolog and the human PMS2 proteins (SEQ ID NO: 10 and 11, respectively).

At page 5, replace paragraph 6 with the following:

a5 Fig. 6. Alignment of the Arabidopsis thaliana PMS134 and the human PMS134 Cdna (SEQ ID NO: 6 and 5, respectively).

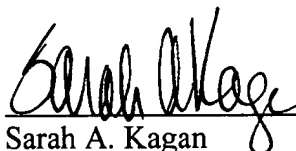
At page 5, replace paragraph 7 with the following:

a6 Fig. 7. Alignment of the Arabidopsis thaliana PMS134 and the human PMS134 polypeptides (SEQ ID NO: 14 and 13, respectively).

### Remarks

Applicants submit herewith a CRF of the Sequence Listing filed as part of the original application. The content of the paper and CRF versions are believed to be identical.

Respectfully submitted,



Sarah A. Kagan  
Reg. No. 32,141

BANNER & WITCOFF, LTD.  
1001 G Street, N.W.  
Eleventh Floor  
Washington, D.C. 20001-4597  
(202) 508-9100  
Dated: June 1, 2001